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12-21-01

PTO/SB/05 (03-C

Approved for use through 10/31/2002. OMB 0651-00

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Attorney Docket No. 41946/30370

First Inventor LOBMANN et al.

Title Process For Depositing Layers of Zirconium Oxide Using Soluble Powders

Express Mail Label No. EL474184727US

APPLICATION ELEMENTS

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 12]
(preferred arrangement set forth below)
 - ☒ Descriptive title of the invention
 - ☐ Cross Reference to Related Applications
 - ☐ Statement Regarding Fed sponsored R & D
 - ☐ Reference to sequence listing, a table, or a computer program listing appendix
 - ☒ Background of the Invention
 - ☒ Brief Summary of the Invention
 - ☐ Brief Description of the Drawings (if filed)
 - ☒ Detailed Description
 - ☒ Claim(s)
 - ☒ Abstract of the Disclosure
4. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets]
5. Oath or Declaration [Total Pages]
 - a. ☐ Newly executed (original or copy)
 - b. ☒ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: _____

11050 U.S. PTO
10/024414
12/18/01

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

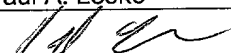
☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/ 648,339
Prior application information Examiner Michael Barr Group Art Unit: 1762

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 021888 (Insert Customer No. or Attach bar code label here) or ☐ Correspondence address below

Name	Paul A. Lesko				
Address	Thompson Coburn LLP				
	One Firstar Plaza, Suite 3500				
City	St. Louis	State	MO	Zip Code	63101
Country	U.S.A.	Telephone	314-552-6443	Fax	314-552-74

Name (Print/Type)	Paul A. Lesko	Registration No. (Attorney/Agent)	#45,364
Signature		Date	December 18, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington

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**FEE TRANSMITTAL
for FY 2001**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$410.00)**Complete if Known**

Application Number	N/Y/A
Filing Date	December 18, 2001
First Named Inventor	LOBMANN, et al.
Examiner Name	N/Y/A
Group Art Unit	N/Y/A
Attorney Docket No.	41946/30370

METHOD OF PAYMENT

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	20-0823
Deposit Account Name	

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17.☒ Applicant claims small entity status See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:**

☐ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	370.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$) 370.00**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
9	-20** = 0	0	0
2	-3** = 0	0	0
Multiple Dependent		0	0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

**or number previously paid, if greater; For Reissues, see above

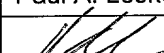
FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	65	Surcharge - late filing fee or oath	
127	50	25	Surcharge - late provisional filing fee or cover sheet	
139	130	130	Non-English specification	
147	2,520	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	1,840*	Requesting publication of SIR after Examiner action	
115	110	55	Extension for reply within first month	
116	400	200	Extension for reply within second month	
117	920	460	Extension for reply within third month	
118	1,440	720	Extension for reply within fourth month	
128	1,960	980	Extension for reply within fifth month	
119	320	160	Notice of Appeal	
120	320	160	Filing a brief in support of an appeal	
121	280	140	Request for oral hearing	
138	1,510	1,510	Petition to institute a public use proceeding	
140	110	55	Petition to revive - unavoidable	
141	1,280	640	Petition to revive - unintentional	
142	1,280	640	Utility issue fee (or reissue)	
143	460	230	Design issue fee	
144	620	310	Plant issue fee	
122	130	130	Petitions to the Commissioner	
123	50	50	Processing fee under 37 CFR 1.17(q)	
126	180	180	Submission of Information Disclosure Stmt	
581	40	40	Recording each patent assignment per property (times number of properties)	40.00
146	740	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	370	Request for Continued Examination (RCE)	
169	900	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40.00**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	Paul A. Lesko	Registration No. (Attorney/Agent)	45,364	Telephone	314.552.6443
Signature		Date	December 18, 2001		

WARNING: Information on this form may become public. Credit Card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR

1.10)

Applicant(s) Lobmann et al.

Docket No.

41946/30370

Serial No.
Not Assigned

Filing Date
December 18, 2001

Examiner
Not Assigned

Group Art Unit
Not Assigned

Invention:

PROCESS FOR DEPOSITING LAYERS OF ZIRCONIUM OXIDE USING SOLUBLE POWDERS

I hereby certify that the following correspondence:

UTILITY PATENT APPLICATION TRANSMITTAL

FEE TRANSMITTAL

PRELIMINARY AMENDMENT

SPECIFICATION, CLAIMS, ABSTRACT

DECLARATION AND POWER OF ATTORNEY

ASSIGNMENT AND RECORDATION FORM COVER SHEET

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

FORM PTO-1449 and references

Postcard

is being deposited with the United States Postal Service "Express Mail Post Office to

Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant

Commissioner for Patents, Washington, D.C. 20231 on December 18, 2001

Paul A. Lesko

(typed or Printed Name of Person Mailing
Correspondence)

(Signature of Person Mailing Correspondence)

EL474184727US

("Express Mail" Mailing Label Number)

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
41946/30370

In Re Application Of:

Lobmann et al.

Serial No.	Filing Date	Examiner	Group Art Unit
Not assigned	Herewith	Not assigned	Not assigned

Title:

PROCESS FOR DEPOSITING LAYERS OF ZIRCONIUM OXIDE USING SOLUBLE POWDERS

Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).